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July 1, 2008
File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board
200 Mero Street
Frankfort, KY 40622

Attention: Mr. Ken Mitchell

Dear Mr. Mitchell:

Reference: CMRS Geospatial Audit
LOUISVILLE METROSAFE
768 Barret Ave, Room 200
Louisville, KY 40204

The Geospatial Audit of LOUISVILLE METROSAFE located in Jefferson County was conducted on 6/3/2008. LOUISVILLE METROSAFE provides wireless 9-1-1 service for Louisville/Jefferson Metro.

PSAP MAPPING SUMMARY

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 requires that the mapping solution display the nearest address to an x,y point. The software used by LOUISVILLE METROSAFE meets this requirement.

FIELD DATA TESTING

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 100% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

WIRELESS 9-1-1 FUNCTION

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 100% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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Reference: CMRS Geospatial Audit

CONCLUSION

Mapping Component   **Meets audit criteria**

Field Data Component   **Meets audit criteria with** 100% of points tested meeting criteria

Wireless Data Component   **Meets audit criteria with** 100% of calls tested meeting criteria

Based on the results of the audit, LOUISVILLE METROSAFE meets the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

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GIS Project Manager
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Attachment: Report Details

c. Files

j j:\2008proj\lv2008008_cmrs\merged summary letter.doc

PSAP Mapping Component Summary

PSAP Name   <u>LOUISVILLE METROSAFE</u>

Address	768 Barret Ave, Room 200	**Audit Date**	6/3/2008
City	Louisville	**Audit Personnel**	MCCORMICK
Contact	Mitch Mitchell		
Contact Title	911 System Coordinator		

Software	Version	Vendor
ESRI ARC MAP ARCINFO	9.2	INTERGRAPH ESR

Mapping Layers Used

Road Centerlines: ✔

Point Addresses: ✔

Ortho Photography: ✔

Other Layers: ✔ <u>Type of 'other' layers used by PSAP:</u>

Numerous layers - see notes below

Notes and Observations:

Observations and comments (1) The people involved in the audit as well as some of the other individuals that we meet were unaware that we were there to perform and audit. The information concerning the audit and the data/information that we required is not getting down into the organization from the contact level. This did not cause any major problems but does slow down the gathering of data/information. (2) obviously this is a very large PSAP with plenty of resources assigned to perform specific tasks. The individuals involved in this audit were knowledgeable and capable of providing the information that we required. However we did not work directly with any of the shift dispatchers.

There are approximately 200 to 250 mapping layers, they were unable to print them out and we did not try to capture them by hand. The latest update of the map was the previous day (6/2/08). The map is up dated daily during an overnight run. The information is supplied by every department within Metro government and surrounding counties. LOJIC and Metro 911 physically installs the information in the system

The Map software is ESRI Arc Map-Arc Info. The version is9.2. The Vendor is ESRI.

The data and information was obtained form the map by Mike Tully. The wireless calls were obtained by Dan Logsdon.